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(21) International Application Number: <b>PCT/NZ95/00105</b> (22) International Filing Date: <b>13 October 1995 (13.10.95)</b> (30) Priority Data: <b>264704</b> <b>14 October 1994 (14.10.94)</b> <b>NZ</b> (71) Applicant (for all designated States except US): <b>INDUSTRIAL RESEARCH LIMITED [NZ/NZ]; Gracefield Road, Lower Hutt 6009 (NZ).</b> (72) Inventors; and (75) Inventors/Applicants (for US only): <b>MILESTONE, Neil, Brennan [NZ/NZ]; 5 Bedford Grove, Kelson, Lower Hutt 6009 (NZ). BAXTER, Neville, Ian [NZ/NZ]; 23 Wellington Road, Wainuiomata 6008 (NZ).</b> (74) Agents: <b>JACKSON, Timothy, Graham et al.; Greg West-Walker and Company, The Todd Building, Level 8, 171-177 Lambton Quay, Wellington 6001 (NZ).</b>			(81) Designated States: <b>AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG).</b>  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

**(54) Title: FIBROUS SILICATE HYDRATES AND PROCESSES FOR THEIR PRODUCTION****(57) Abstract**

A method for the production of discrete fibrous calcium silicate hydrates and/or sodium calcium silicate hydrates of predetermined average fibre length comprising mixing an aqueous solution of a soluble calcium salt with a soluble silica source and heating the mixture to form the fibrous product.

